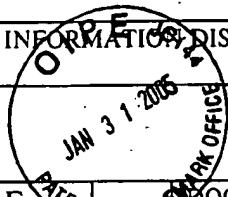


Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. QIL-5	SERIAL NO. 10/074,493
	APPLICANT Ledentsov et al.	
INFORMATION & DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 2/12/2002	GROUP 2828



U.S. PATENT DOCUMENTS

Exam Initial	DOCUMENT NUMBER	DATE	PATENTEE	CLASS	SUB	FILING DATE IF APPROPR

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO

OTHER PRIOR ART

Exam Initial	Author, Title, Date, Pertinent Pages, Etc
CHY	N. N. Ledentsov and V. A. Shchukin. "Novel concepts for Injection Lasers" Opt. Eng. Vol. 41, No. 12, 2002, pg. 3193-3203.
	"Materials and Devices For Optical and Wireless Communications (APOC02) - Conferences - APOC 2002" The International Society for Optical Engineering, October 2002 <a href="http://spie.org/Conferences/Programs/02/apoc/conferences/index.cfm?fuseaction=4905">http://spie.org/Conferences/Programs/02/apoc/conferences/index.cfm?fuseaction=4905</a>
	N. N. Ledentsov and V. A. Shchukin. "Novel to Approaches to Semiconductor Lasers" Proceedings of SPIE, vol. 4905, 2002, pg. 222-234
	IOP Select, Collected Articles from the Institute of Physics 2004 <a href="http://www.IOP.org&gt;Select">http://www.IOP.org&gt;Select</a>
	N N Ledentsov, et al. "Wavelength-stabilized tilted cavity quantum dot laser" Semicond. Sci. Technol. 19 No 10 (October 2004) 1183-1188 .
	"ETOS 2004" Emerging Technologies in Optical Sciences: Shaping the future of Communications, July 2004 <a href="http://www.physics.ucc.ie/ETOS/Speakers.html">http://www.physics.ucc.ie/ETOS/Speakers.html</a> .
	Ledentsov, Nikolai, "The Tilted Cavity Laser" Emerging Technologies in Optical Sciences: Shaping the future of Communications, ETOS 2004, July 26-29, University College Cork. .
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	V. A. Shchukin et al. "Tilted Cavity Laser" Nanomodeling, Proceedings of SPIE, Vol. 5509, pg. 61-71, 2004 ,
	Physics and Simulation of Optoelectronic Devices XIII, Conference 5722, Proceedings of SPIE, Vol. 5722, January 2005
	N N Ledentsov, et al. "Edge and Surface Emitting tilted Cavity Lasers" to be presented at January 2005 conference
	Compound Semiconductor Manufactures EXPO, Compound Semiconductor Week 2004, October 2004.
CHY	N N Ledentsov, et al. "Tilted cavity lasers Based on Quantum Dots or Quantum Wells", Extended abstract of Compound Semiconductor conference, October 2004
EXAMINER	DATE CONSIDERED
	8/20/05

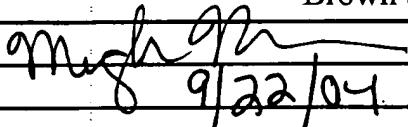
DT10 Rec'd PCT/Piu 24 SEP 2004  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

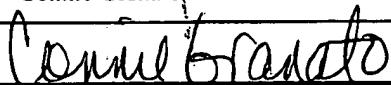
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GPO: 2004 OMB Control Number 0651-0031 (07-24-04)

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<b>TRANSMITTAL FORM</b>  <i>(To be used for all correspondence after initial filing)</i>		Application Number	10/074,493
		Filing Date	2/12/2002
		First Named Inventor	Ledenstsov et al.
		Art Unit	2828
		Examiner Name	Cornelius Jackson
Total Number of Pages in This Submission	6	Attorney Docket Number	QIL-5

<b>ENCLOSURES (Check all that apply)</b>			
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Remarks	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Post Card 1 reference

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Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)

FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. QIL-5	SERIAL NO. 10/074,493
	APPLICANT Ledenstov et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 2/12/2002	GROUP 2828

U.S. PATENT DOCUMENTS

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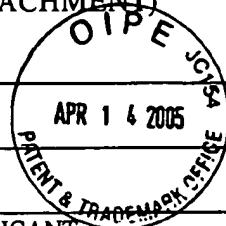
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO

OTHER PRIOR ART

Exam Initial	Author, Title, Date, Pertinent Pages, Etc
<i>CHY</i>	Yariv, Amnon and Yeh, Pochi, "Optical Waves in Crystals" A Wiley-Interscience Publication; John Wiley & Sons, 1984, pages 155-219.
EXAMINER <i>C. K.</i>	DATE CONSIDERED <i>4/20/05</i>

Section 2. Form PTO - 1449 (Modified) (ATTACHMENT)



FORM PTO-1449 U.S. DEPT. OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. QIL-5	SERIAL NO. 10/074,493
	APPLICANT Ledenstsov et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE 02/12/2002	GROUP 2828

U.S. PATENT DOCUMENTS

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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam Initial		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION YES   NO
CKD		EP 0 342 953	11/23/1989	EPO			

OTHER PRIOR ART

Exam Initial		Author, Title, Date, Pertinent Pages, Etc
CKD		Pezeshki B et al., "Multiple Wavelength Light Source using an Asymmetric Waveguide Coupler," Applied Physics Letters, American Institute of Physics. New York, US, vol. 65, no. 2, 11 July 1994 (1994-07-11), pages 138-140.
CKD		Pezeshki B. et al., "A Gratingless Wavelength Stabilized Semiconductor Laser," Applied Physics Letters, American Institute of Physics. New York, US, vol. 69, no. 19, 4 November 1996 (1996-11-04), pages 2807-2809.
CKD		Bardia Pezeshki et al., "Vertical Cavity Devices as Wavelength Selective Waveguides," Journal of Lightwave Technology, IEEE. New York, US, vol. 12, no. 10, 1 October 1994 (1994-10-01), pages 1791-1801.
EXAMINER		DATE CONSIDERED 4/20/05